

CLAIMS

What is claimed is:

- 1 1. An apparatus for containing debris, the apparatus comprising:
2 a non-conductive outer sheath having an open proximal end and a distal end;
3 one or more first magnets coupled near the proximal end of the outer sheath;
4 one or more second magnets disposed within and near the distal end of the outer
5 sheath; and
6 a removable inner bag having an open proximal end, wherein the inner bag is
7 disposed within the outer sheath, and wherein the inner bag is configured to
8 contain debris.

- 1 2. The apparatus of claim 1, further comprising:
2 a frame having a proximal portion and distal portion with an opening through the
3 proximal and distal portions;
4 wherein the open proximal end of the outer sheath is coupled to the frame and the
5 distal end of the outer sheath extends away from the frame, and wherein the
6 open proximal end of the outer sheath encompasses the opening of the frame;
7 wherein the open proximal end of the inner bag encompasses the opening of the
8 frame; and
9 wherein the one or more first magnets are coupled near the proximal portion of the
10 frame.

- 1 3. The apparatus of claim 2,
2 wherein the one or more first magnets includes a plurality of first magnets, and

3 wherein at least two of the plurality of first magnets are located on substantially
4 opposing sides of the opening of the frame.

1 4. The apparatus of claim 3, further comprising:
2 a metal sheet configured between a magnet of the plurality of first magnets and the
3 respective recess within which the magnet is disposed

1 5. The apparatus of claim 3,
2 wherein the frame includes a first recess and a second recess; and
3 wherein at least one magnet of the plurality of first magnets is disposed in the first
4 recess and at least one magnet of the plurality of first magnets is disposed in
5 the second recess.

1 6. The apparatus of claim 2, wherein the one or more first magnets are configured such
2 that the magnetic forces associated with the one or more first magnets provide
3 magnetic attraction in a direction from the proximal portion of the frame to the distal
4 portion of the frame.

1 7. The apparatus of claim 2, wherein the frame is an injection-molded plastic piece.

1 8. The apparatus of claim 1, further comprising:
2 a magnet housing coupled to the outer sheath near the distal end of the outer sheath;
3 and
4 wherein the one or more second magnets are housed by the magnet housing.

1 9. The apparatus of claim 8, wherein the one or more second magnets have a proximal
2 side and a distal side, the apparatus further comprising:

3 a magnetic shield configured between the distal side of the one or more second
4 magnets and the magnet housing.

1 10. The apparatus of claim 8, wherein the magnet housing is an injection-molded plastic
2 piece.

1 11. The apparatus of claim 1, wherein the outer sheath is tapered from the proximal end
2 to the distal end.

1 12. The apparatus of claim 1, wherein the outer sheath is leather.

1 13. The apparatus of claim 1, wherein the inner bag is in contact with at least one of the
2 one or more second magnets.

1 14. A method for containing debris from an operation on a housing containing one or
2 more electrical components, the method comprising:
3 magnetically coupling a tool to an inside conductive surface of the housing, wherein
4 the tool includes
5 one or more first magnets coupled with a proximal end of a non-conductive
6 outer sheath that extends away from the one or more first magnets,
7 wherein the sheath has a distal end and an opening at the proximal
8 end;
9 one or more second magnets coupled with the distal end of the outer sheath;
10 and
11 a removable inner bag contained within the outer sheath, wherein the inner
12 bag has an opening at the proximal end of the outer sheath;

13 creating a hole in the housing at an area that is encompassed by the opening of the
14 inner bag; and
15 wherein debris from the step of creating the hole falls into the inner bag and is
16 contained therein.

1 15. The method of claim 14, further comprising:
2 removing the inner bag from the outer sheath for disposal of the debris.